1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier
Product Name: Crack Filler - UV Curing Adhesive

Other means of identification
Catalog Numbers: SVD100, CCH1, CCH12, CP1, PFCH12
Synonyme: Not applicable

Recommended use of the chemical and restrictions on use
Identified uses: Windshield Glass Repair
Uses advised against: No information available

Details of the supplier of the safety data sheet
Supplier Address: C.R. Laurence Co., Inc.
2503 E. Vernon Ave.
Los Angeles, CA 90058-1826
Telephone: (323) 588-1281

Emergency Telephone: CHEMTREC: (800) 424-9300 (24 hours)

2. HAZARDS IDENTIFICATION

Emergency Overview
Appearance: Transparent
Odor: Characteristic
Physical state: Liquid

Classification

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

Target Organ Effects:
Respiratory system, EYES, Skin.

GHS Label elements, including precautionary statements

Signal word: Danger
Issue Date 2015-02-02    Revision Date 2015-02-02    Version 1

Hazard statements
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H335 - May cause respiratory irritation

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/proective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Use only outdoors or in a well-ventilated area

Precautionary Statements - Response
IF exposed or concerned, get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention.
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF SWALLOWED Get medical advice/attention if you feel unwell
Collect spillage.

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)
None

Other Information
None
Unknown acute toxicity
0% of the mixture consists of ingredient(s) of unknown toxicity
3. COMPOSITION/INFORMATION ON INGREDIENTS

The ingredients listed in this section have been determined to be hazardous and above threshold limits.

<table>
<thead>
<tr>
<th>Hazardous</th>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Trade Secret</th>
<th>Classification (Reg. 1272/2008)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Benzyl Methacrylate</td>
<td>2495-37-6</td>
<td>10 - 30</td>
<td>*</td>
<td>STOT SE 5 (H335)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2 (H315)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2 (H319)</td>
</tr>
<tr>
<td></td>
<td>2-Hydroxyethyl methacrylate</td>
<td>868-77-9</td>
<td>10 - 30</td>
<td>*</td>
<td>STOT SE 3 (H335)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2 (H315)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2 (H319)</td>
</tr>
<tr>
<td></td>
<td>Isobornyl Acrylate</td>
<td>5888-33-5</td>
<td>10 - 30</td>
<td>*</td>
<td>STOT SE 3 (H335)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2 (H315)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2 (H319)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 2 (H411)</td>
</tr>
<tr>
<td></td>
<td>octyl acrylate</td>
<td>2499-59-4</td>
<td>5 - 10</td>
<td>*</td>
<td>STOT SE 3 (H335)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2 (H315)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2 (H319)</td>
</tr>
<tr>
<td></td>
<td>decyl acrylate</td>
<td>2156-96-9</td>
<td>5 - 10</td>
<td>*</td>
<td>STOT SE 3 (H335)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2 (H315)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2 (H319)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 2 (H411)</td>
</tr>
<tr>
<td></td>
<td>Acrylic acid</td>
<td>79-10-7</td>
<td>1 - 5</td>
<td>*</td>
<td>Flam. Liq. 3 (H226)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4 (H302)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4 (H312)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4 (H332)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Cont. 1A (H314)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 1 (H403)</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

General advice
IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

Eye contact
Flush eyes with water at least 15 minutes, get medical attention if eye irritation develops or persists.

Skin Contact
Wash off immediately with plenty of water, Get medical attention if irritation develops and persists.

Inhalation
Move to fresh air, If symptoms persist, call a physician.

Ingestion
If swallowed, rinse mouth. Get medical attention.

Self-protection of the first aider
Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.
Most important symptoms and effects, both acute and delayed

Main Symptoms
No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use CO2, dry chemical, or foam.

Unsuitable extinguishing media
Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical
Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke.

Hazardous combustion products
Hazardous decomposition products due to incomplete combustion.

Explosion data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Ensure adequate ventilation. Wear protective gloves/clothing and eye/face protection.

Environmental precautions

Environmental precautions
Do not allow material to contaminate ground water system. Try to prevent the material from entering drains or water courses, See Section 12 for additional Ecological Information. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up

Methods for containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling
Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Protect from light.
Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions
Keep container tightly closed in a dry and well-ventilated place. Protect from light.

Incompatible products
Amines, Strong oxidizing agents, Strong acids, Strong bases, Oxygen scavengers, Thiosulfates.

6. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid</td>
<td>TVA: 2 ppm S*</td>
<td>(vacated) TWA: 10 ppm</td>
<td>TWA: 2 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 30 mg/m³ S*</td>
<td>TWA: 6 mg/m³</td>
</tr>
</tbody>
</table>

Legend
ACGIH (American Conference of Governmental Industrial Hygienists)
TLV - Threshold Limit Value
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL - Permissible Exposure Limits
NIOSH IDLH - Immediately Dangerous to Life or Health

Appropriate engineering controls

Engineering Measures
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Individual protection measures, such as personal protective equipment

Eye/face protection
Safety glasses with side-shields. If splashes are likely to occur, wear goggles.

Skin and body protection
Wear suitable protective clothing.

Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene measures
When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice. Wear suitable gloves and eye/face protection. Wash hands before breaks and at the end of workday. Avoid breathing vapors, mist or gas. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Odor</th>
<th>Odor threshold</th>
<th>Remarks / Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td>Characteristic</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Appearance</td>
<td>Transparent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>101 °C / 214 °F</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Evaporation rate                       No information available
Flammability (solid, gas)             No information available
Flammability Limit in Air             No data available
  Upper flammability limit            No data available
  Lower flammability limit            No data available
Vapor pressure                        No information available
Vapor density                         No information available
Specific Gravity                      No information available
Water Solubility VALUE                No information available
Solubility in other solvents          No information available
Partition coefficient: n-octanol/water No information available
Autoignition temperature              No information available
Decomposition temperature             No information available
Kinematic viscosity                   No information available
Dynamic viscosity                     No information available

Explosive properties                  No information available
Oxidizing properties                  No information available

Other Information

Softening point                        No information available
VOC Content (%)                       No information available
Density                                No information available
Bulk density                           No information available

10. STABILITY AND REACTIVITY

Reactivity                              No information available
Chemical stability                     Stable under normal conditions.

Possibility of Hazardous Reactions

Hazardous polymerization
None under normal processing.

Conditions to avoid
Protect from light. Heat, flames and sparks.

Incompatible materials
Amines, Strong oxidizing agents, Strong acids, Strong bases, Oxygen scavengers.

Hazardous Decomposition Products
No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
No acute toxicity information is available for this product

Inhalation                              There is no data available for this product
Eye contact                            There is no data available for this product
Skin Contact                           There is no data available for this product
Ingestion                              There is no data available for this product
Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50 (Rat)</th>
<th>Dermal LD50 (Rabbit)</th>
<th>Inhalation LC50 (Rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Hydroxyethyl methacrylate</td>
<td>5050 mg/kg</td>
<td>&gt; 3000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Isobornyl Acrylate</td>
<td>4890 mg/kg</td>
<td>&gt; 5 g/kg</td>
<td></td>
</tr>
<tr>
<td>octyl acrylate</td>
<td>&gt; 2000 mg/kg</td>
<td>&gt; 2000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>decyl acrylate</td>
<td>&gt; 2000 mg/kg</td>
<td>&gt; 2000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Acrylic acid</td>
<td>33500 µg/kg (Rat)</td>
<td>280 µL/kg (Rabbit)</td>
<td>5300 mg/m³ (Rat) 2 h</td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms
No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization
May cause sensitization of susceptible persons.

Mutagenic effects
No information available.

Reproductive toxicity
No information available.

Carcinogenicity
Contains no ingredients above reportable quantities listed as a carcinogen.

Legend

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Target Organ Effects
Respiratory system, EYES, Skin.

Chronic toxicity
Repeated contact may cause allergic reactions in very susceptible persons

Avoid repeated exposure

Aspiration hazard
No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity
0% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 5540 mg/kg
ATEmix (dermal) 5989 mg/kg
ATEmix (inhalation-dust/mist) 18.7 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

7.56493% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Acute aquatic toxicity

Product Information
Testing for acute and chronic aquatic effects determined no environmental classification is required.

Component information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl Methacrylate</td>
<td>-</td>
<td>LD50 4.25 - 5.13 mg/L 96 h (Pimephales promelas)</td>
<td>-</td>
</tr>
<tr>
<td>2-Hydroxyethyl methacrylate</td>
<td>-</td>
<td>LC50 = 227 mg/L 96 h (Pimephales promelas)</td>
<td>EC50 &gt; 380 mg/L 48 h (Daphnia magna)</td>
</tr>
<tr>
<td>Isobornyl Acrylate</td>
<td>EC 50 = 2.7 mg/L 96 h (Pseudokirchneriella subcapitata)</td>
<td>LC50 = 1.8 mg/L 96 h (Daphnia reo)</td>
<td>EC 50 = 1.1 mg/L 48 h (Daphnia magna)</td>
</tr>
</tbody>
</table>
Persistence and degradability  
No information available.

Bioaccumulation  
No information available.

Mobility

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Hydroxyethyl methacrylate</td>
<td>0.47</td>
</tr>
<tr>
<td>Acrylic acid</td>
<td>0.46</td>
</tr>
</tbody>
</table>

Other adverse effects  
None

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging
Dispose of in accordance with local regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

DOT  
Not regulated

ICAO/IATA  
Not regulated

IMDG/IMO  
Not regulated

TDG  
Not regulated

MEX  
Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>TSCA</th>
<th>AICS</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>NZIoC</th>
<th>PICCS</th>
<th>ECSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compiles</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Not listed

Not listed

Not listed

Not listed

Not listed

Not listed

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
AICS - Australian Inventory of Chemical Substances
DSU/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
NZIoC - New Zealand Inventory of Chemicals
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ECIS - Taiwan Existing Substance Inventory

US Federal Regulations

OSHA Regulatory Status
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid - 79-10-7</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

- Acute health hazard: Yes
- Chronic Health Hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid 79-10-7</td>
<td>5000 lb</td>
<td>RQ 5000 lb final RQ</td>
<td></td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65
This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>decyl acrylate</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Acrylic acid</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Revision Date: 2015-02-02
Revision Note: No information available
Disclaimer

This information is furnished without warranty, express or implied. This information is believed to be accurate to the best knowledge of CRL. The information in this SDS relates only to the specific material designated herein. CRL assumes no legal responsibility for the use of or reliance upon the information in this SDS.